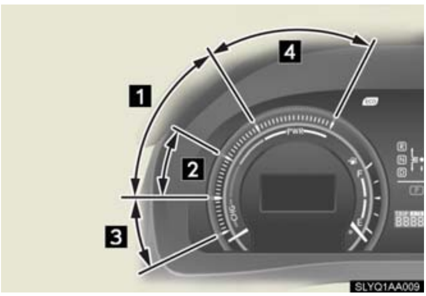
Hybrid System

Your vehicle is a hybrid vehicle. It has characteristics different from conventional vehicles. Be sure you are closely familiar with the characteristics of your vehicle, and operate with care.
The hybrid system combines the use of a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions.
For details, refer to the "Owner's Manual".

Hybrid System Indicator



1 Eco area
Eco Driving Indicator Light turns on

2 Hybrid Eco area
Eco Driving Indicator Light turns on

3 Charge area
Eco Driving Indicator Light turns on

4 Power area
Eco Driving Indicator Light turns off

- By keeping the indicator needle within Eco area, Eco-friendly driving can be achieved. Hybrid Eco area shows that gasoline engine power is not being used very often.*1
- Charge area indicates regeneration*2 status. Regenerated energy will be used to charge the hybrid battery.

*1: The gasoline engine will automatically stop and restart under various conditions.

*2: When used in this manual, "regeneration" refers to the conversion of energy created by the movement of the vehicle into electrical energy.

Charging the battery

When shift position N is selected, the hybrid battery (traction battery) will not be charged. Thus, select P when the vehicle is stopped.
In addition, when driving in heavy traffic, use D or B.

Regenerative braking

The motor generator converts kinetic energy to electric energy when:
- The accelerator pedal is released while driving with shift position D or B selected.
- The brake pedal is depressed while driving with shift position D or B selected.

Sounds and vibrations specific to a hybrid vehicle

There may be no engine sounds or vibration even though the vehicle is able to move. For safety, apply the parking brake and make sure to shift the shift position to P when parked.
The following sounds or vibrations may occur when the hybrid system is operating and are not a malfunction:

- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) behind the rear seats when the hybrid system starts or stops.
- Sounds from the hybrid system may be heard when the trunk lid is open.
- Sounds may be heard from the transaxle when the engine is started or stopped, or while the engine is idling.
- Engine sounds may be heard when accelerating sharply.
- Sounds may be heard due to regenerative braking when the brake pedal is depressed and accelerator is loosened.
- Other sounds, such as motors and mechanical noises, may be heard from the brake system when the brake pedal is depressed.
- Vibration may be felt when the gasoline engine starts or stops.
- Cooling fan sounds may be heard from the air intake vent on the side of rear left seatback.
  When driving in Eco drive mode, the fan noise may be louder than when driving normally.

Running out of fuel

When the vehicle has run out of fuel and the hybrid system cannot be started, refuel the vehicle with at least enough gasoline to make the low fuel level warning light go off. If there is only a small amount of fuel, the hybrid system may not be able to start.
(The minimum amount of fuel to add to make the low fuel level warning light go out is about 2.6 gal. [10 L, 2.1 Imp.gal.], when the vehicle is on a level surface. This value may vary when the vehicle is on a slope.)

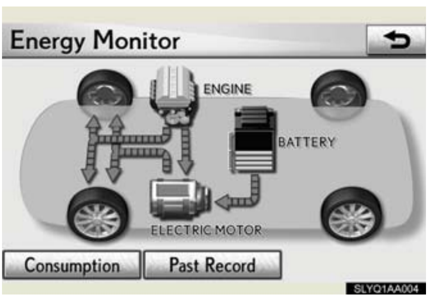
Energy Monitor / Consumption Screen

You can view the status of your hybrid system on the multi-information display and the navigation system screen.

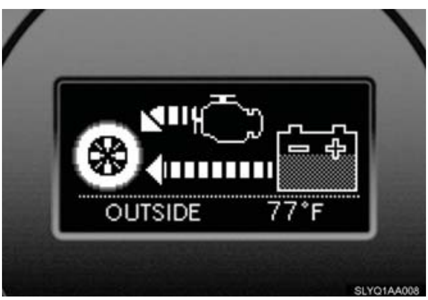
Energy monitor

The energy monitor can be displayed on both the navigation system screen and the multi-information display.

- How to display on the navigation system screen (→P.43):
  Press the "MENU" button on the Remote Touch and select "Info. Phone" after that select "Fuel consumption".
  If the "Consumption" or "Past Record" screen is displayed, select the "Energy" and press the "ENTER" button on the Remote Touch.
- How to display on the multi-information display:
  Toggle the "ENTER" switch on the steering wheel upward or downward through several times to select the energy monitor display.



- The flow of energy is displayed on the navigation system screen.
  Amber: gasoline energy
  Yellow: electrical energy
  Green: energy recovery
    A green arrow appears when regenerative braking occurs.



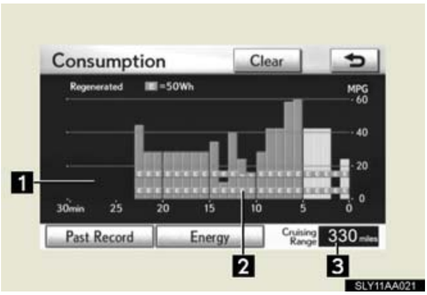
- The flow of energy is indicated by the movement of the arrows on the multi-information display.

The displayed energy flow, battery level, etc. will change in response to the current driving conditions.

Consumption (with navigation system)

Press the “MENU” button on the Remote Touch and select “Info. Phone”, after that select “Fuel consumption” and press the “ENTER” button on the Remote Touch.

If the “Consumption” screen does not appear, select “Consumption” and press the “ENTER” button on the Remote Touch.



1 Fuel consumption in the past 30 minutes

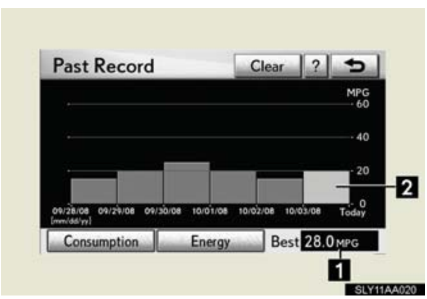
2 Regenerated energy in the past 30 minutes
One symbol indicates 50 Wh. Up to 4 symbols are shown.

3 Cruising range

Past record (with navigation system)

Press the “MENU” button on the Remote Touch and select “Info. Phone”, after that select “Fuel consumption” and press the “ENTER” button on the Remote Touch.

If the “Past Record” screen does not appear, select “Past Record” and press the “ENTER” button on the Remote Touch.



1 Best past fuel consumption

2 Average fuel consumption
Displays the average fuel consumption between each reset of the total average fuel consumption on the multi-information display.
When resetting, if the total average fuel consumption is better than the best past fuel consumption, the best past fuel consumption will be updated.

Hybrid warning message

A message is automatically displayed when a malfunction occurs in the hybrid system or an improper operation is attempted.



If a warning message is shown on the multi-information display, read the message and follow the instructions.